

Message

From: Dipolt, Kelly [Dipolt.Kelly@epa.gov]
Sent: 3/6/2023 5:49:25 PM
To: Speth, Thomas [Speth.Thomas@epa.gov]; Gullett, Brian [Gullett.Brian@epa.gov]
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

Thanks

From: Speth, Thomas <Speth.Thomas@epa.gov>
Sent: Monday, March 06, 2023 12:48 PM
To: Dipolt, Kelly <Dipolt.Kelly@epa.gov>; Gullett, Brian <Gullett.Brian@epa.gov>
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

Kelly,

We talked briefly. He suggested that his conversations with others suggested that dioxin is not a problem in the Ohio River, and that he wanted to punt that conversation over to EPA because transport it was not his area.

He said that a few Ohio River utilities were out there sampling for dioxins, but the results aren't back yet.

I told him that dioxins are generally well adsorbed by activated carbon so utilities employing GAC or PAC would largely be in good shape. The one caveat is the type of dioxin, so if a dioxin is detected in the river, please give me a call.

That being said, I think the utilities would call first.

Tom

Thomas F. Speth, Ph.D., P.E. (Ohio)
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 Cell
(513) 487-2543 Fax
Speth.Thomas@epa.gov



From: Dipolt, Kelly <Dipolt.Kelly@epa.gov>
Sent: Monday, March 6, 2023 12:18 PM
To: Gullett, Brian <Gullett.Brian@epa.gov>; Speth, Thomas <Speth.Thomas@epa.gov>
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

Hi Brian and Tom,

Has ORSANCO reach out to you yet? If you have any meetings or email communication, please include Carole Braverman as the R5 contact.

Thanks,

Kelly

From: Mills, Marc <mills.marc@epa.gov>
Sent: Friday, March 03, 2023 12:15 PM
To: Dipolt, Kelly <Dipolt.Kelly@epa.gov>; Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>; Ryan, Shawn <Ryan.Shawn@epa.gov>; Speth, Thomas <Speth.Thomas@epa.gov>; Mattas-Curry, Lahne (she/her/hers) <Mattas-Curry.Lahne@epa.gov>
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

Folks... as I suspected, this is getting complicated. I am happy to connect ORSANCO with our SME, Brian Gullett and Tom Speth. But especially as it relates to coordinating with Reg 5 and Congressional liaisons, maybe this should all be handled by the Region. Then they can tap into Brian (and Tom if needed). If folks agree, I don't mind calling ORSANCO to be sure they are good with it... thoughts?

From: Dipolt, Kelly <Dipolt.Kelly@epa.gov>
Sent: Friday, March 3, 2023 9:41 AM
To: Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov>; Mills, Marc <mills.marc@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>; Ryan, Shawn <Ryan.Shawn@epa.gov>; Speth, Thomas <Speth.Thomas@epa.gov>; Mattas-Curry, Lahne (she/her/hers) <Mattas-Curry.Lahne@epa.gov>
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

Correction: R5 and ORSANCO are on the same panel. Any messages we develop will need to go through OCIR. The congressional Liassons will coordinate this review.

From: Dipolt, Kelly
Sent: Friday, March 03, 2023 9:37 AM
To: Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov>; Mills, Marc <mills.marc@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>; Ryan, Shawn <Ryan.Shawn@epa.gov>; Speth, Thomas <Speth.Thomas@epa.gov>; Mattas-Curry, Lahne (she/her/hers) <Mattas-Curry.Lahne@epa.gov>
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

Hello,

I gave R5 a heads up on this request. The region has asked to be looped in as messages are developed. Please include Eileen Deamer and Ronna Beckmann who are the congressional Liaisons; as well as Carole Braverman for technical input. . The R5 RA is scheduled to testify at the same hearing but a different panel so it's important that the messages be coordinated.

Thanks,

Kelly

From: Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov>
Sent: Friday, March 03, 2023 8:17 AM
To: Mills, Marc <mills.marc@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>; Dipolt, Kelly <Dipolt.Kelly@epa.gov>; Ryan, Shawn <Ryan.Shawn@epa.gov>; Speth, Thomas <Speth.Thomas@epa.gov>
Subject: RE: East Palestine - D/F technical inquiry from ORSANCO

...and if the support needed is around DW treatment, let us know and we'll bring in Tom Speth.

Thanks,
Greg

Gregory Sayles, Ph.D.

(he, him, his – [learn more](#))

Director, Center for Environmental Solutions and Emergency Response (CESER)

EPA's Office of Research and Development, Cincinnati, Ohio

sayles.gregory@epa.gov; desk 513-569-7607; mobile Ex. 6 Personal Privacy (PP)

***CESER mission:** We conduct applied stakeholder-driven research and provide responsive, technical support to help solve the Nation's environmental challenges.*

From: Sayles, Gregory (he/him/his)
Sent: Friday, March 3, 2023 8:13 AM
To: Mills, Marc <mills.marc@epa.gov>
Cc: Gullett, Brian <Gullett.Brian@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>; Dipolt, Kelly <Dipolt.Kelly@epa.gov>; Ryan, Shawn <Ryan.Shawn@epa.gov>
Subject: FW: East Palestine - D/F technical inquiry from ORSANCO

Marc – pls offer Brian Gullett's assistance to Richard Harrison.

Brian's mobile. Ex. 6 Personal Privacy (PP)

Thanks,
Greg

Gregory Sayles, Ph.D.

(he, him, his – [learn more](#))

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***CESER mission:** We conduct applied stakeholder-driven research and provide responsive, technical support to help solve the Nation's environmental challenges.*

From: Sayles, Gregory (he/him/his)
Sent: Thursday, March 2, 2023 7:11 PM
To: Mills, Marc <mills.marc@epa.gov>
Cc: Speth, Thomas <Speth.Thomas@epa.gov>; Gilliland, Alice <Gilliland.Alice@epa.gov>; Hagler, Gayle <Hagler.Gayle@epa.gov>; Dipolt, Kelly <Dipolt.Kelly@epa.gov>; Ryan, Shawn <Ryan.Shawn@epa.gov>
Subject: Re: East Palestine - D/F technical inquiry from ORSANCO

Re: Dioxin/Furan production and fate

Looping in folks. Pls read the string.

Marc - Brian Gullett in CEMM is the right person for this so pls let ORSANCO know Brian is the SME to work with.

Brian's mobile. 919-699-3074

Kelly - pls let the EOC know about this.

Thanks,
Greg

Sent from my iPhone

On Mar 2, 2023, at 6:23 PM, Mills, Marc <mills.marc@epa.gov> wrote:

I am think more a combustion and air deposition person (s). Two principle questions.... I think, I haven't been plugged in until today.

1. Were D/Fs produced and at what yield?
2. If produced, how much would be deposited in the Ohio River and watershed that could be relevant to DW utilities?

Marc A. Mills, Ph.D.

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mills.marc@epa.gov

On Mar 2, 2023, at 4:14 PM, Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov> wrote:

Would he need a combustion expert like Brian Gullett? Or a environmental fate and transport person? Like you Marc?

Gregory Sayles, Ph.D.

(he, him, his — [learn more](#))

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From: Mills, Marc <mills.marc@epa.gov>

Sent: Thursday, March 2, 2023 4:49 PM

To: Speth, Thomas <Speth.Thomas@epa.gov>
Cc: Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov>
Subject: Re: D/F technical inquiry from ORSANCO

Apologies. D/Fs = Dioxins/Furans. D/Fs may be produced during the combustion of vinyl chloride. ORSANCO has been asked about the risk to drinking water from the possible production and deposition of D/Fs into the Ohio River. Richard Harrison (ORSANCO) is looking for a subject matter expert to answer questions in this regard prior to his congressional testimony.

Marc A. Mills, Ph.D.

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On Mar 2, 2023, at 2:57 PM, Speth, Thomas <Speth.Thomas@epa.gov> wrote:

Marc,

D/F? Diesel fuel?

Tom

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ell
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<image001.jpg>

From: Mills, Marc <mills.marc@epa.gov>
Sent: Thursday, March 2, 2023 3:37 PM
To: Speth, Thomas <Speth.Thomas@epa.gov>; Sayles, Gregory (he/him/his) <Sayles.Gregory@epa.gov>
Subject: D/F technical inquiry from ORSANCO

Greg and Tom

While here in San Antonio at an Air Force PFAS meeting, I just received an urgent call from Richard Harrison from ORSANCO. He is being called to testify in Congress next week as to the potential for D/Fs to be deposited in the Ohio River from the burning of VC at the train derailment in Ohio. And potential risks to drinking water and other risk pathways. I have done some work on D/Fs but more focused on sediment remediation and limiting exposure through the food web. I told him I am not the SME regarding generation and deposition of D/Fs but would reach out within EPA.

I am in San Antonio with an OLEM contingent and will check with them at the next break. I am reaching out to you both to provide your suggestions as to ORD resources that may be available for ORSANCO to tap into. They also acknowledged that they have been in touch with Reg 5 with a similar request.

I will be heading the airport shortly but told Richard I would update him tomorrow with any progress on an SME to help ORSANCO.

Thank you
Marc

Marc A. Mills, Ph.D.

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